

(DC-3000)

NEW SYSTEM OF STUDEN CREDITS, BY B. DUMIC,
.D. PETROVIC, 6 PP.

CROATIAN, PER, SOCIJALNA POLITIKA, NO 2,
1962, PP 152-157.

JPRS 14221

EEUR - YUGOSLAVIA

SOC

NIJUN 62

201,282

(DC-3000)

Scholarships to Students in the High Schools,
by B. Dacic, D. Petrovic, 18 pp.

CROATIAN, per, Socijalna Politika, No 11,
1961, pp 1021-1027.

JPRS 14703

EE - YUGOSLAVIA

Soc - Sci

Mar 62

183,517

Experimental Study of The Extent to Which The Tick
Ixodes Persulcatus Becomes Infected With Russian
Spring-Summer Encephalitis Virus as a Result of
Sucking the Blood of Immune Animals, by A. L. Dum-
ina, 4 pp.

RUSSIAN, per, Voprosy Virusologii, Vol XII, No 3,
1958, pp 156-158.

Pergamon Inst

Sci - Med

Feb 59

81.7/2

(NY-6133/8)

Behavior of Corn Strains and Hybrids in Rumania
in 1957-1960, and Their Territorial Distribu-
tion in 1961, by V. Dumitrache, O. Cosmin, Al.
Batica, 24 pp.

RUMANIAN, per, Probleme Agricole, Vol XIII,
No 2, 1961, pp 5-19.

JPRS 9514

/60,061

EEur - Rumania
Econ
Jul 61

14
All-Union Conference on the Paleogeography
and Geomorphology of the Caucasus, by N. V.
Dumitaashko, 4 p.
RUSSIAN, per, Izvestiya Akademii Nauk SSSR,
Seriya Geograficheskaya, to 5, 1966, no 126-127.
RUSSET 1-1553
ED 22040509 65

N. V. Dumitaashko

RUSSIAN-Geog
Dum 40

214, 206

Cost Reduction - An Important Task of the Metallurgical Industry,
by M. Dumitrescu, G. Vonicu, 18 pp.

RUMANIAN, par, Probleme Econ, No 11, 1963, pp 81-102.

JPRS 23904

**EE-Rumania
Econ
Feb 64**

348, 620

arsenical Iron Ores as Metallurgical Raw Material,
by P. Dumitrascu, M. Sipas.

ROMANIAN, per, Metalurgia si Constructia de Masini,
Vol XI, 1959, pp 928-933.

HB 4823

ic1 - Min/Met

lap 60

127,042

Reduction of Iron Ores With Methane in a
Fluid Bed and by Cyclone Smelting, by
P. Dumitrescu, M. Ispas.

RUMANIAN, per, Studii si Cercetari de
Metalurgie, Vol V, No 3, 1960, pp 371-
390.

TB 5283

Sci - Min/Met
Apr 62

190,753

14
Technical Progress in the Porcine Microbiology,
by R. H. HARRISON, 5 pp.
RUMASKAN, par. Virology, Vol. 12, No. 12,
24 20 Mar 1964, p 1.
JPAS 34432

EE-2000000
Eam
May 64

357,103

(NY-6430/9)

Long-Term Credit Assistance to Socialist
Cooperative Agricultural Farms, by S. Bereanu,
A. Dumitrescu, 14 pp.

ROMANIAN, per, Finante si Credit, Vol VII, No 1,
1961, pp 15-25.

JPRS 10122

172,090

ECON - Romania

ECON

Dumitrescu, A., Elefterescu, M., and Kovaci, S.
METHODS OF FORECASTING ENERGY CON-
SUMPTION. [1960] [9]p. 3 refs. C. E. Trans. 1659;
M2322.

Order from LC or SLA mi\$1.80, ph\$1.80 61-15464

Trans. of Elektrichestvo (USSR) 1959, no. 8,
p. 26-29.

An analytical method is proposed for the determi-
nation of the dynamics of overall heat and electrical
energy consumption by summation of the energy con-
sumptions in the different branches of the national
economy, the latter being determined on the basis of
the dynamics of the specific energy consumptions and
the dynamics of production in the given branch of
industry.

(Physics--Electricity, TT, v. 5, no. 11)

61-15464

1. Electrical energy--
Consumption
- I. Dumitrescu, A.
- II. Elefterescu, M.
- III. Kovaci, S.
- IV. CE Trans-1659
- V. DSIR LLU M.2322
- VI. Central Electricity
Generating Board
(Gt. Brit.)

Office of Technical Services

PROSPECTS FOR THE CONSTRUCTION OF LARGE
MARINE DIESEL ENGINES IN RUMANIA, BY ADRIAN
DUMITRESCU, 7 PP.

RUMANIAN, PER, METALURGIA SI CONSTRUCTIA DE
MASINI, VOL XIV, NO 9, 1962, PP 809-810.
813-815.

JPRS 16421

EEUR - RUMANIA
ECON \ DEC 62

217,192

88

The Medical Service of the Armed Forces
During the Years of the People's Dictatorship,
by A. P. Dumitrescu, 7 pp.
ROMANIAN, par. Revista Sanitarii Militare,
No 4, 1964, pp 571-578. FIC0267968
FTD-HT-23-857-67

A. P. Dumitrescu

Sol/BHM
Nov 68

66,995

Nov 61

(SF-1855/11)

Building of Ships of Over 5000 Tons Deadweight for
the Merchant Marine, by Adrian Dumitrescu, 21 pp.

RUMANIAN, per, Metalurgia si Constructia de Masini,
Vol XIII, No 4, 1961, pp 312-321.

JPRS 10336

174,149

HEur - Rumania

Development of Social Property on Collective
Farms, by Anghel Dumitrescu, Ica Popa, 11 pp.

RUMANIAN, per, Evidente Contabile, Vol VII,
No 8, 1962, pp 7-13.

JPRS 16146

Rbr - Rumania
Econ
Nov 62

217,422

On the Non-Stationary one Dimensional Flow of a
Viscous Fluid, by D. IM Dumitrescu, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR; Otzdel Tekhn Nauk,
No 3, 1958, pp 163-164.

SUA 60-23527

Sci

197,990

May 62

Vol 4, No 8

EXAMINATION OF THE EFFECTS OF SCIENTIFIC RESEARCH, BY D. CHITTENDEN, 7 PP.

REMANIAN, PER, SCIENTIA, NO 6103, 11 DEC 1963,
P 2.

JPM 11516

SCI-DEC
JAN 51

203, 124

17
Development of Research in Romanian Construction
and Construction Materials Industries, by D. P.
Iandrucean and S. Gempar, 10 pp.
ROMANIAN, per, Revista Constructiilor si a
Materialelor de Constructie, No 10, Oct 64,
pp 501-509.
JPES 20604

Romania

Leon

Apr 65

278,943

Flow Past an Air-Bubble in a Vertical Tube, by
D. T. Dumitrescu, 28 pp.

GERMAN, per, Z fuer Angew Mathemat und Mechanik,
Vol XKIII, No 3, 1943, pp 139-149.

SLA 59-10290

Sci - Engr

SLA: 139-149

Sep 59

97,834

SETTE

(NY-3587)

Ways of Reducing Costs of Industrial Constructions,
by Florea Dumitrescu, 4 pp.

RUMANIAN, np, Constructorul, Bucharest, 16 Jan 1960,
p 1, 3.

JPRS 2836

119,443

EEur - Rumania

Econ - Construction

Jun 60

(NY-6430)

State Credit Assistance to the Collective
Farms, by Florea Dumitrescu, 21 pp.

ROMANIAN, par, Probleme Economice,
No 2, 1962, pp 32-46.

JPRS 14008

ERur - Rumania
Econ
Jan 62

199,356

Report of the Committee of the Communist Union Presented
at the National Conference of Communist and Mathematicians,
by Ion Dumitrescu, 9 pp.
RUMANIAN, ap, Contemporanul, 26 Dec 1963, pp 1, 6.

JPRS 23217

RE: Romania
Feb
Feb 64

249,511

Standardizing Admissible Noise Levels at
Work Places, by L. Dumitrescu. Gp.
RUMANIAN, par, Standardization, Vol 14,
No 5, 1964, pp 244-247.
REC 11-65-10010

L. Dumitrescu

Ref-Eng
Jul 66

307,569

SETEE

(NY-3380).

Manufacture Simple Granulated Superphosphate and
Sodium Fluosilicate at "Petru Poni" Chemical
Fertilizer Works, by M. Dumitrescu, 10 pp.

RUMANIAN, per, Revista de Chimie, Vol X, No 5,
Bucharest, 1959, pp 288-290.

JPRS 2684

EEur - Rumania
Econ - Chemical Industry
Jun 60

117,103

THE EFFECT OF STEAMING BEECH TIMBER ON THE
SUCCESSION OF OPERATIONS IN INITIAL CONVERSION
AND RE-SAWING WITH A CIRCULAR SAW, BY
N. DIMITRESCU.

Revised
RUSSTAN, PER, INDUSTRIA LIGNULI, VOL VII,
NO 1, 1958, PP 5-8.

N.L. N. 4619

SCI - ENDR

JUN 62

199,158

Activities of the Institute of Hydrotechnical
Studies and Research of the State Water Com-
mittee, by Sorin Dumitrescu, Eng, 10 pp.

RUMANIAN, per, Hidrotehnica, Gospodariea Apelor,
Meteorologia, Vol IX, No 8, 1964, pp 432-438.

JPRS 27595

EEur-Romania

Econ

Jan 65

272,057

RESEARCH FOR THE WOOD PROCESSING INDUSTRY BY
N. ST. DIMITRISCU, 25 PP.

RESEARCH, PER, INDUSTRIA LEMBRAN, NOV XIV, NO 8,
JUN 63, PP 291-302

JUN 63

EL-ROBENIA

2000

1979 63

240,580

Scientific Activity in Support of the Development of
the Wood Processing Industry, by Nicolae St. Dumitrescu,
Marcel Dupu, 10 pp.
RUMANIAN, per, Industria Laminului, No 8, 1964,
pp 309-314.
JPRS 28190 *p.6*

EE-Rumania
Econ
Feb 65

273,063

S-4400

(DC-2093)

Five Years of Activity of the Main Administration
of Hydrometeorology, by Sorin Dumitrescu, 8 pp.

RUMANIAN, no per, Meteorologiya si Hydrologia,
Vol 1, No 1, Budapest, Oct 1956, pp 5-10.

US JPRS/DC-L-669

Sci - Geophysics

73,554

Morphological Features of Three Types of Influenza
Virus Including one With Double Antigen, by
R. Portocala, S. Dimitrasco, 9 pp.

Russian, per, Voprosy Virusolog, Vol VI, No 4, 1961,
pp 408-415.

11 PP

Sci

Oct 62

216,083

(SF-1057)

Research on the Casting of Modular-Graphite Rolling-
Mill Rolls, by Traian Dumitrescu, Laurentiu Sofroni,
Ion Toma, 10 pp.

RUMANIAN, per, Metalurgia si Constructia de Masini,
Vol XIII, No 5, 1961, pp 390-406.

JPRS 12280

Sci - Engr.

182,568

Feb 62

SOME METHODOLOGICAL PROBLEMS CONCERNING INDICATORS
OF THE FINAL UTILIZATION OF THE NATIONAL INCOME,
BY S. DINULESCU, V. GHIUTUDU, 13 PP.

ROMANIAN, PER, REVISTA DE STATISTICA, VOL XII, NO 2,
1963, PP 71-78.

JPRS 19513

EEUR - ROMANIA

EEUR

JUN 63

71,78

(NY-6294/8)

Modifications of the Prothrombin Complex Under
the Influence of X-Rays, by Elena Dumitrescu-
Papahagi, S. Schiau, R. Stoencescu, 6 pp.

RUMANIAN, per, Studii si Cercetari de Fiziologie,
Vol V, No 2, 1960, pp 429-432.

JPRS 9643

Sci - Med
Aug 61

163,328

Fourth Scientific-Methodological Conference of
Bloc Agrarian Research Institutes, by D. Dumitriu.

ROMANIAN, per, Probleme Economice, No 8, 1962,
Bucharest, pp 160-162.

E Bar - Romania
Econ
Oct 62

FID Sum 3979

R-2622

(DC-3250)

Development of State Farms, by Bucur Schiopu,
D. Dumitru, 5 pp.

ROMANIAN, bk, Economia Romaniei Intre Anii
1944-1959, Bucharest, 1959, pp 401-417.

JPRS 3626

EEur - Rumania

Econ - Agriculture and forestry

122,774

Aug 60

SETTE

(NY-2724).

Current Problems of the Economic-Organizational
Strengthening of Socialist-Cooperative Agricultural
Units in the European People's Democracies, by
Gh. Ionita, D. Dumitriu, 19 pp.

RUMANIAN, per, Problems Economic, Vol XII, No 4,
1959, pp 108-123.

JPRS-1814-H

93, 377

EEur - Soviet Bloc
Econ - Agriculture

Aug 59

Enlarged Socialist Reproduction on Collective Farms,
by V. V. Popov, D. Musikina. (Wk Econ Rpt on EUR,
255)

RUMANIAN, par, Probleme Economice, Vol XII, No 2,
Bucharest, Feb 1959, pp 34-48.

CIA/FBI Sum 2163

EUR - Rumania

Reco

Apr 59

85,843

Ship Repair Cycles and Cost of Ship Repairs, by
D. Dumitru. (See Econ Rpt on EUR, 253)

RUMANIAN, per, Revista Transporturilor, Bucharest,
25 Apr 1959, pp 142-144.

CIA/FIN Sum 2225

EUR - Rumania
Econ
Jan 59

89,057

(NY-6450)

On Improving the Method of Evaluating
the Work of Our Ports, by D. Dumitru.
7 pp.

ROMANIAN, per, Revista Transporturilor,
No 7, 1961, pp 235-267.

JEPRS 11972+

EEur -- Rumania
Econ
Jan 62

181,344

Calculation of Amortization Schedule in Highway and
Maritime Transportation, by D. Dumitru. (Wk Econ
Rpt on EBR, 247)

RUMANIAN, per, Revista Transporturilor, Bucharest,
Dec 1958, pp 541-546.

CIA/ITD Sum 2182

EBR - Rumania
Econ
May 59

86.267

SETEN

(NY-3124)

Technical Development and Main Products of
"Radio Popular" Plant, by Felician Dumitru, 26 pp.

ROMANIAN, per, Telecomunicatii, Vol III, No 6,
Nov/Dec 1959, Bucharest, pp 242-250.

JPRS 5133

EEur - Romania

Econ - Manufacturing

Aug 60

122,914

Aspects and Achievements of the Teleajen Refinery
since 25 Aug 1964, by V. Juncu, I. Dumitru, 5 pp.

REMIANLUI, per, Petrol si Gaze, No 8, Aug 64,
pp 442-445.

JPRS 27151

EEAR-Romania

ECON

Jan 65.

271,172

R-2609

(DC-3295)

Development of the Petroleum Industry, by I.
Dumitru, C. Stefan, 8 pp.

RUMANIAN, bk, Economia Romaniei Intre Anii
1944-1959, Bucharest, 1959, pp 127-150.

JPRS 3626

EEur -- Rumania

Econ

122,780

Aug 60

A New Machine for Extinguishing Fires - The
Autopump Tank, by Radulescu Flores, R. Dumitru,
5 pp.

RUMANIAN, por, Pasa Contra Incendiilor, No 8, 1958,
p 29.

ACBI, H-2487

Sci - Engr

Feb 59

81,527

Elements of Veterinary Knowledge Among the
Scythians, by N. S. Dumka.

RUSSIAN, no per, Veterinariya, Vol XXXIII,
No 1, 1956, pp 88-91. CIA 9004393

USDA

Sci - Medicine
Apr 1957 CTB/sex

47,149

To Achieve a World Standard in Power Machinery
Production, by Kurt Danke. (Wk Econ Rpt on EHar,
254)

GERMAN, per, Neues Deutschland, Berlin, 23 May 1959,
p 3.

CIA/FID Sum 2235

EHar - Germany
Econ
Jun 59

89,797

(NY-2700)

ECONOMIC CONSIDERATIONS CONCERNING CENTRALIZATION
IN THE CRUSHED ROCK AND IN FINE GRAVEL INDUSTRY,
BY HORST SCHUSTEREIT, ARNO DUMM, 8 PP.

GERMAN, PER, SILIKATTECHNIK, VOL XIII, NO 4,
1962, PP 113-115.

JPRS 14931

EUR - GERMANY
ECON
EE
SEP 62

210,267

Applicability of the Omegatron for Quantitative
Partial Pressure Analysis in a High Vacuum, by
S. Dummler.

GERMAN, per, Vakuum-Technik, Vol X, No 5, 6,
1961, pp 131-138; 184-190.

NASA TT F-9287

Sci-Phys

May 65

U.S. GOVERNMENT ONLY

280,178

Damon, R.
A NEW SYNTHETIC FILAMENT OF THE SUPER-
POLYAMIDE CLASS DRAWN FROM THE CASTOR
OIL PLANT: RILSAN (B PLASTIC). [9 Aug 52] 8p
(Sig omitted)
Order from SLA \$1.10
Trans. of l'Industrie Textile (France) 1950, v. 67,
p. 106-108.

TT-64-107611

TT-64-10765

I. Damon, R.
II. Title: Rilsan

85389

(Materials--Textiles, TT, v. 12, no. 1)

Office of Technical Services

Dumon, R.
A NEW FRENCH PLASTIC MATTER: THE RILSAN.
[16]p
Order from SLA \$1.60 TT-64-16514
Trans. of Rev[ue] Générale [de] Mécanique (France)
1956, v. 40, p. 315-320.

(Materials--Plastics, TT, v. 12, no. 3)

TT-64-16514

I. Dumon, R.
II. Title: Rilsan

85398

Office of Technical Services

General Chemistry - On the Effect of Dispersion
on the Quenching of Detonation of a ~~Stoichiometric~~
Stoichiometric Methane-Oxygen ~~Mixture~~ Mixture by
Finely Powdered Potassium Bitartrate, by J. C.
Dumont,

FRENCH, per, Comptes Rendus, Vol CCLII, No 24,
1961, pp 3806-3808.

Dept. of Interior
TN7 B57 No 516

196,827

Sci - Chem
May 62

Probable Pregnancy at 52, by M. DUMONT.
FRENCH, per, Cste. Franc., Vol 14, July-
August 1962.
Dept of Navy 4993/OPS 1146

45

M. Dumont

Sci-44M
Dec 66

315,557

1. Report of the Government of England, Lipp, and of
Germany, Concerned for Amalgamated Insurance,
 by H. B. B. B.
 FRANK, J., Germany, Vol. CCLVII, No. 15,
 1944, pp. 1241-1241.
 NACA 11 P-5577

2-1-78
2-1-78
U.S. GOVERNMENT ONLY

2017-18

On Object-image Correspondance in Optics, by 147
P. Dumontet.
FRENCH, per, Optica Acta, Vol 2, No 2, 1955,
Vpp 53-63.
Navy APL/JHU T-1973
tr 5179

P. Dumontet

Sci/Physics
Mar 67

318,537

69

Continuous Determination of the Carbon Content of the Bath in Processes of Refining With Pure Oxygen, by
J. Gagnon-Filling, et al.
FAIRCHILD, Corp., International Symposium on Oxygen Steel
Plants, 22-26 Sept 1963.
CHI/T 1963

Sci - M/M
Apr 64

254,069

**Recovery of Gases From the Oxygen Converter Without
Condensation, by J. Eugene-Pillon, G. Monay.
FRENCH, rpt. Paper Presented at the International Congress
on Oxygen Steel Plants at Le Touquet and Dunkirk,
23-24 Sep 1963.**

BM 3476

**Sci - Eng
Feb 64**

399,721

Recovery of Unburnt Gases From a Pure Oxygen
Converter, by J. Dumont-Fillon.

FRENCH, per, Centre de Documentation Siderurgique
Circulaires d'Informations Techniques, Vol XIX,
No 2, 1962, pp 441-446.

BISI 3058

Sci - Engr

Jan 63

218,829

list 162

A Method to Reduce to Ash Organic Matter without
Loss of Zinc and the Determination of the Zinc
Concentration by the Dithizone Method, by W. A. C.
Campan, H. Dumoulin, 6 pp.

HUTCH, per, Chemisch Weekblad, Vol LV, No 45,
pp 632 633, 1959.

SLA 60-18150

193,764

Sci
May 62
Vol 4, No 10

After the Algerian FLN Congress,
by Henri Damodine, 6 pp.
FRANCE, par. L'Internationale, No 11,
May 1964, pp 44, 45.
JPRS 25185

AFRICA-Algeria

PM

Jan 64

262,816

(DC-4700/5)

The Correct Determination of Labor Productivity,
by D. Dumnov, 9 pp.

RUSSIAN, per, Ekon Sel'skogo Khoz, No 12, 1960,
pp 95-101.

JPRS 6961

USSR

Econ

Mar 61

143,960

Calculation of the Pressure-Head Characteristics
of Axial Helical Impellers, by V. I. Dumov,
17 pp.

RUSSIAN, per, Teploenergetika, No 11, 1962,
pp 23-27. 9684610

FTD-TT-63-407

Sci-Engr
July 63

235,840

The Increase in Non-Cavitation Properties of Centrifugal
Pump Stages by Means of Preconnected Axial Rotors, by
V. I. Dumov, 11 pp. #

RUSSIAN, per, Teploenergetika, Vol IV, No 4, 1957,
pp 16-21, Encl to IR-1673-57, AFJIN-1A1.

AF 1129150

Sol - Engineering
Oct 57

54,544
CTS 468

Centrifugal Pump with Auxiliary Impeller,

by V. I. Dumov, 2 pp.

RUSSIAN, Patent No 173124 (Appl. No.

630427/25-8, 8 June 1959), 2 pp.

AIR/FID/IT-23-1077-67

Sci-Propulsion & Fuels

Nov 68

366,334

V. I. Dumov

Dumov, V. I. and Peshkin, M. A.
STUDY OF CAVITATION IN THE IMPELLER OF A
CENTRIFUGAL PUMP (Issledovaniye Kavitatsii v
Koleoye Tsentrobezhnogo Nasosa). Jan 61 [15]p.
3 refs. RTS-1737.

Order from LC or SLA m\$2.40, ph\$3.30 61-15626

Trans. of Teploenergetika (USSR) 1959, v. 6, no. 12,
p. 46-51.

The results are presented of a study of the cavitation
phenomenon in the impeller of a centrifugal pump,
and recommendations are given for improving the anti-
cavitation properties of pumps. (Author)

(Machinery--Machine Parts, TT, v. 5, no. 8)

61-15626

1. Impellers--Cavitation

2. Centrifugal pumps--
Cavitation

I. Dumov, V. I.

II. Peshkin, M. A.

III. RTS-1737

IV. Department of Scientific
and Industrial Research
(Gr. Brit.)

Office of Technical Services

THE USE OF TETRACYCLINE ANTIBIOTICS IN EXPERIMENTAL
RADIATION SICKNESS, BY A. M. ~~UDOVICH~~, O. O. CHIRKOVA,
9 PP.

RUSSIAN, PER, ANTIBIOTIKI, VOL. VIII, NO 8, 1963,
PP 723-728.

JUL 1963

SCI-BIO-MED
OCT 63

304,402

**Experimental Data on Increased Resistance to Radiation
Syndrome After Preliminary Administration of
Tetracycline to Rats, by A. M. Dumeva, G. O. Chirkova,
9 pp.**

**RUSSIAN, per. Medit Radiolog, Vol VIII, No 12, 1963,
pp 59-59.**

JPAB 130070

**Sci-21a1
Mar 64**

231,093

Changes in the Vascular Reflexes after
Administration of Chlortetracycline, by
A. V. Loginov, A. M. Dumova, S. L. Volynskaya,
5 pp.

RUSSIAN, per, Antibiotiki, Vol IV, No 3, 1959,
pp 58-61.

CB

164, 452

Sci
Aug 61

SYNTHESIS OF 2-ARALKYL-1,3-INDANEDIONES BY
CATALYTIC HYDROGENATION OF 2-ARALKYLIDEN-1,3-
INDANEDIONES, BY T. T. DUMPIS, G. YA. VANAGS,
4 PP

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLI, NO 5,
1961, PP 1093-1096.

CB

SCI
AUG 62

205,828

Enriched Media Used for Streptomycin Fermentation, by E. I. Surikova, G. F. Zavilcyiskaya, M. T. Dygern, G. D. Pestereva, 6 pp.

RUSSIAN, per, Antibiotiki, Vol IV, No 4, 1959, pp 12-16.

CB

164,402

Sc1

Aug 61

Centrifugal Pump With an Automatically
Controlled Head by L. S. Arinyshkin,
V. I. Duncov, et al, 3 pp.

RUSSIAN, patent, No 137,767, Oct 29, 1960,
683765/25. 9676342

FTD-TT-62-194

Sci - Engr

194, 102

3 May 62

On Two Features of Cavitational Qualities
of a Centrifugal Pump With Feather Type Vane
and Partial Discharge of Liquid, by V. I.
Dumov, M. A. Peshkin, 8 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Ser
Aviat Tekh, No 2, 1959, pp 147-150. 9671004

FTD MCL-1158/1 + 2

Sci - Aero

169,304

Sep 61

Investigating Cavitation in an Impeller of
a Centrifugal Pump, by V. I. Dunov, M. A.
Peshkin, 11 pp.

RUSSIAN, per, Teploenergetika, No 12, 1959,
pp 46-51. 9670283

AFIC MEL-885/1

Sci - Engr

161,335

Jul 61

A Reflex Component of the ~~REXKXNN~~ Mechanism of
Production of Blood Changes by Chlortetracycline
(Biomycin), by A. V. Loginov, A. M. Dumova, 5 pp.

RUSSIAN, per, Byul Eksper Biol i Med, Vol XLVII,
No 1, 1959, pp 43-47.

Consultants Bureau

Aug 59

93,937

Machining of Holes by the Electrospark Process,
by V. E. Dumps,

RUSSIAN, par, Vest Mashinostroy, Vol XXXIV,
No 12, 1954, pp 51-55.

24,644

Brutchar Tr 3496
\$4.20

Scientific - Electricity Jan 55 GRS

The Treatment of Parkinson's Disease With Diethyl-
aminoethyl-N-thiodiphenylamine Chlorhydrate, by
J. Sigwald, D. Bovet, G. Dumont, 1 p.

FRENCH, per, Revue Neurologique, Vol LXXVIII, 1946,
pp 581-584.

NIH 12-49

Sci - Med

Jan 58

57,805

The Treatment of Parkinson's Disease and of Extrapyramidal Manifestations With Diethylaminoethyl-N-thiodiphenylamine. Results of a Year of Application, by J. Sigwald, A. Grossiord, P. Durel, G. Dumont, 2 pp.

FRENCH, per, Revue Neurologique, Vol LXXIX, 1947, pp 683-687.

NIH 12-50

Sci - Med

57,806

Jan 58

Continuous Monitoring of the Carbon Content
of the Bath in Refining Processes With Pure
Oxygen, by J. Dumont-Fillon, P. Mangin.

FRENCH, per, Revue de Metallurgie, Vol LX,
Feb 1963, pp 105-113.

BIBI 3283

Sci - M/M, Chem
Aug 63

342,169

Study of Dust Filters Composed of Esparto Grass,
by I. Dautrebranda, P. Angenot, E. Dumoulin.

FRENCH, per, Comptes Rendus de l'Academie des
Sciences, Vol CCV, Paris, 19 Jul 1937, p 240-.

Dept of Interior
Bu of Mines
Central Exper Sta
Pittsburgh, Pa.
Tr 19

Sci - Chem

103,025

Dec 59

Dumov, V. I.

DESIGNING CENTRIFUGAL PUMPS WITH BOOST IMPELLERS TO IMPROVE CAVITATION PERFORMANCE (Raschet Tsentrobezhnykh Stupeney Nasosov s Predvkluychennymi Osevyimi Kolesami, Obladayushchimi Vysokimi Antikavitatsionnymi Svoystvami). [1960] 10p. 8 refs. (5 figs. omitted) M1757.

Order from LC or SLA ml\$1.80, ph\$1.80 61-13089

Trans. of Teploenergetika (USSR) 1959 [v. 6] no. 6, p. 35-39.

A method is put forward for designing centrifugal pumps fitted with additional axial impellers with values of C_{crit} between 3000 and 4000; the method is based on the use of test data and the similarity of the determining parameters. A nomogram and recommendations are given for choosing the basic constructional relationships and dimensions of such stages. (Author)

(Machinery--Machine Parts, TT, v. 5, no. 5)

61-13089

1. Centrifugal pumps--Design
 2. Centrifugal pumps--Hydrodynamic characteristics
 3. Cavitation--Countermeasures
- I. Dumov, V. I.
II. DSIR LLU M. 1757

Office of Technical Services

(NY-7027)

Surgical Treatment of the Vena Cava
Superior Syndrome, by E. P. Dumpe,
12 pp.

RUSSIAN, per, Grudnaya Khirurgia, Vol IV,
No 1, 1962, pp 52-58.

JPRS 13500

Sci - Med
Apr 62

192, 363

Nitration of 2-Benzylindan-1,3-Diones, by T. T.
Dumig, G. Ya. Vanag, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVI, No 3,
1961, pp 911-914.

CB

Sci

Mar 62

192,202

A New Method for the Synthesis of 2-Aralkyl-1,3-
Indanediones, by G. Ya. Vansg, T. T. Dumpis,
1/2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXV, No 3,
1959, pp 549-552.

Consultants Bureau

119,531

Sci

Jun 60

On the Synthesis of Hydrated Calcium Aluminate
From Calcium and Sodium Aluminate Solutions,
by V. M. Pesin, A. P. Dumskaya, O. L. Davina.

RUSSIAN, per, Sbornik Rabot Leningradskogo
Gosudarst. Inst. Prikl. Khim., Vol. XXVII, 1960,
pp 25-41.

Dept of Interior
TNT, E57, No 123

Sci - Chem

100,542

Nov 59

The Development of Hydrology in the Rumanian
People's Republic, by C. Diaconu,
V. Dumitrescu, 11 pp.

FRENCH, par, Bulletin de l'Association Inter-
nationale d'Hydrologie Scientifique, 1961,
pp 63-68. (Call No GB651, B93, V6, No 2,
E Tr)

AMS

Sci
Engr
Sep 61

166,902

The Degree of Socialization of Production in
Simple Agricultural Associations (Rumania), by
D. Dumitriu, 15 pp.

RUMANIAN, per, Probleme Economice, Vol X, No 6,
Bucharest, Jun 1957, pp 63-72.

UJ 3FRS/NT-1-405

ESR - Rumania
Econ - Agriculture

75,776

Labor Productivity in Agriculture in the USSR and
the USA, by B. Braginskiy, D. Dumov, 7 pp.

RUSSIAN, per, Vest Statistiki, No 2, 1961, pp 23-33.

Internatl Arts & Sci Press
Problems of Economics
Vol IV, No 1

JPRS 8491

USSR

Econ

Jul 61

160,105-

94

Welding of Copper for Power Supply in the
Chemical Industry, by R. Dumpelmann and
P. Schmidt

GERMAN, rpt, Papers Presented at the Great
Welding Conference, 1959
HLL Ref: 5828.47 (12647)

R. DUMPELMANN

Sci-Mechanical
July 68

360,842

PREPARATION OF 2-ARALKYL-1-INDANONE-3-OLS BY
CATALYTIC HYDROGENATION OF 2-ARYLIDEN-1,3-
INDANEDIONES, BY T. T. DUMPIS, G. YA. VANAGS,
4 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLII, NO 6,
1962, PP 1308-1311.

CB

SCI - CHEM

OCT 62

212,222

Catalytic hydrogenation of 2-Substituted 1,3-Indaned
Indanediones to the Corresponding 1,3-Indanediols,
by T. T. Dumpis, G. Ya. Vanags, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII, No 2,
1962, pp ~~362-365~~ 362-365.

CB

Sci - Chem

Oct 62

212,128

P. EPARATION OF 2-ARYLINDAN-1-ON-3-ols BY
CATALYTIC HYDROGENATION OF 2-ARYL-1,3-
INDANEDIONES, BY T. T. DUMPLIS, G. YA. VANAGS,
4 PP.

RUSSIAN, PER, DOK AK NAUKSSSR, VOL CXLII, NO 1,
1962, PP 92-95.

CB

SCI - CHEM

212,124

All-Aluminum Radiators, by H. W. Dunrath, 8 pp.
GERMAN, per, Aluminum (West Germany), Vol 36, No 6,
1960, pp 337-338.
ERDL-T-1850-66
AD-635 646

313,263

Sci -
Oct 66

Etude des facteurs de l'oxydation du carbone dans le
fer liquide, by E. Dun, et S. I. Filippov.

to French

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Chern Metal,
Vol III, No 1, 1960, pp 16-23.

CBS I.T.3523

Sci

Nov 61

Introscopy (Flaw Detection), by L. Dun, G.
Lushnikov, A. Yakobson.

RUSSIAN, per, Znanie Sila, No 11, 1960, pp 38-41.

Navy Tr 3068/APL T-256

Sci - Phys

Apr 62

190,395

Effect of Photoelectromotive Force in Polycrystalline
Cadmium Sulfide, by L. M. Dun, M. F. Lebedeva, 6 pp.

RUSSIAN, per, Trudy Inst Metallurg imeni A. A. Baikova,
No 3, 1958.

OTS 60-51087
PL-480

Sci

Jun 62

PST 386

197,662